Serial No. 10/803,179 Docket No. 200146.402C3 Inventor(s): Sung Hwan Moon et al.

Express Mail No. EV449559480US "REPLACEMENT SHEET"



(a) DMSO

OH

(b) HATU/DIEA/NMP

(c) i) Piperdine/DMF

ii) HOBT/DIĆ/DMF

(d) HCOOH, room temp.

OR₁

OR

First Component Piece

 R_4

(c)

1) piperidine/DMF

O R₄
O OR₁
OR
OH
OH

Third Component Piece

Fourth Component Piece

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H-101651

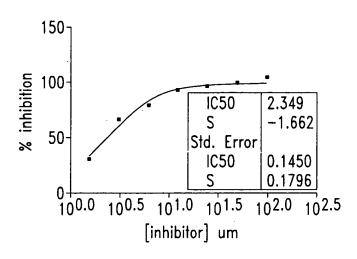


FIG. 3

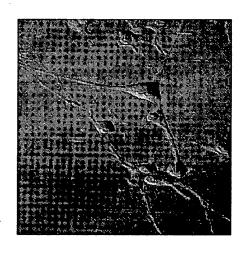


FIG. 4A

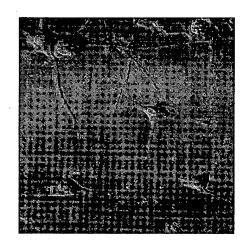


FIG. 4B

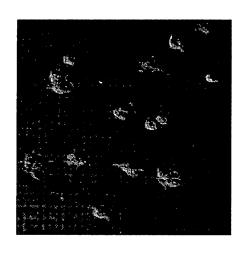


FIG. 4C



FIG. 4D

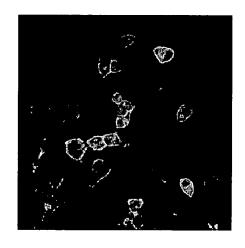


FIG. 4E

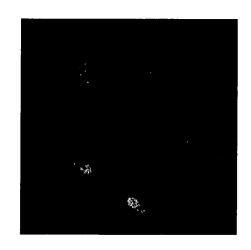


FIG. 4F

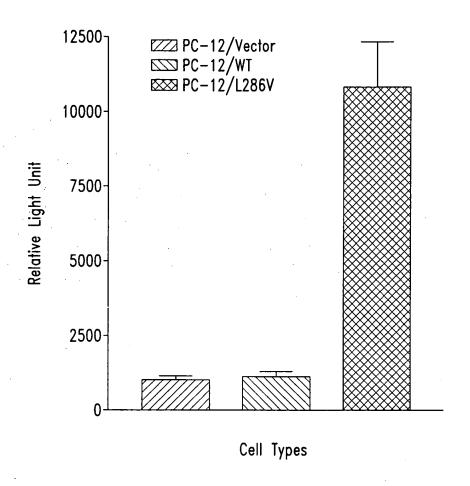


FIG. 4G

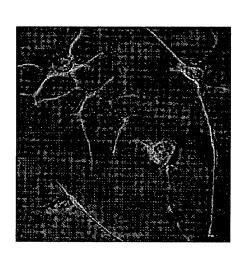


FIG. 5A

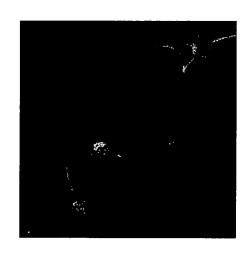


FIG. 5B

PC-12/Vector
PC-12/WT
PC-12/L286V
PC-12/L286 with Compound D

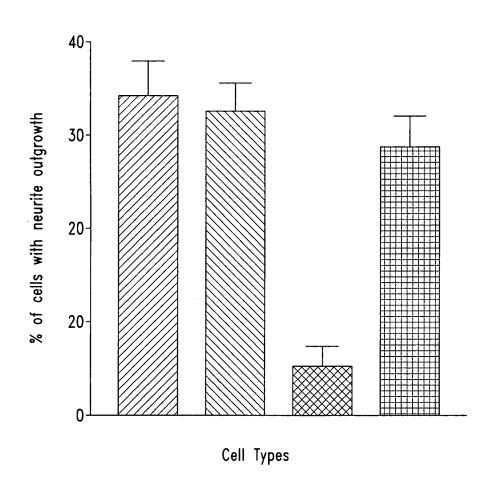


FIG. 5C

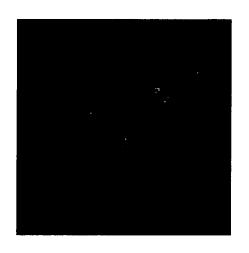


FIG. 6A



FIG. 6B

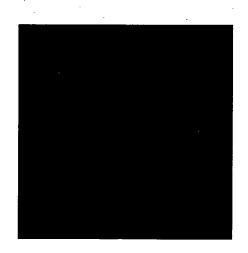


FIG. 6C

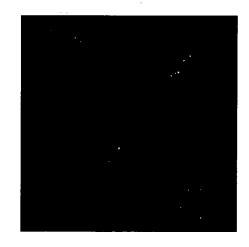
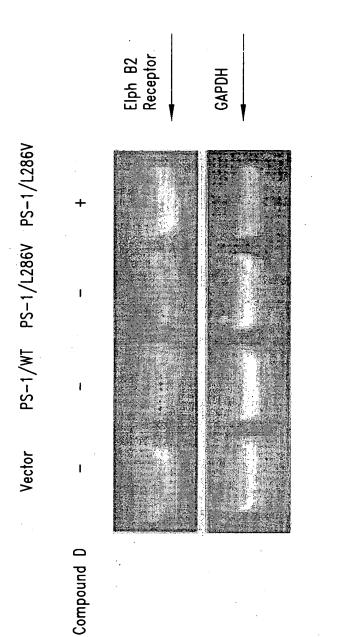


FIG. 6D



FIC GE

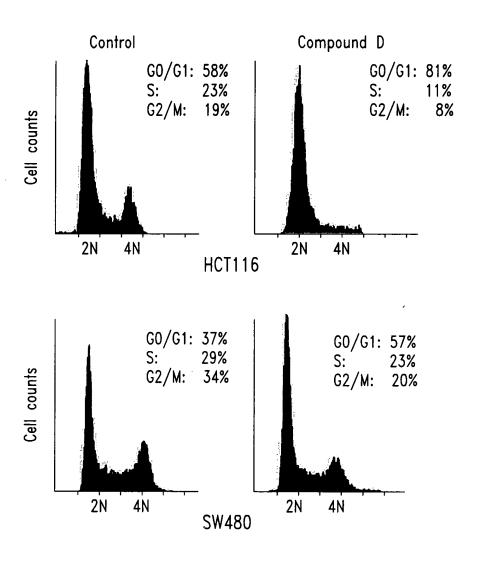
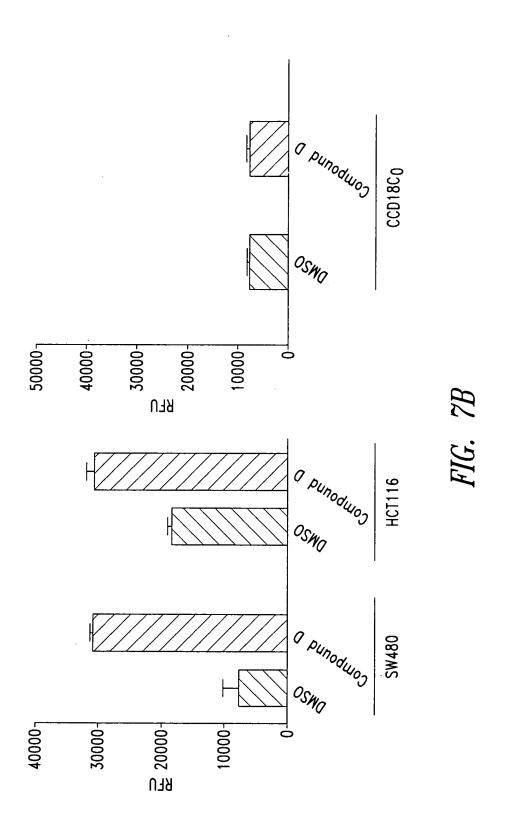
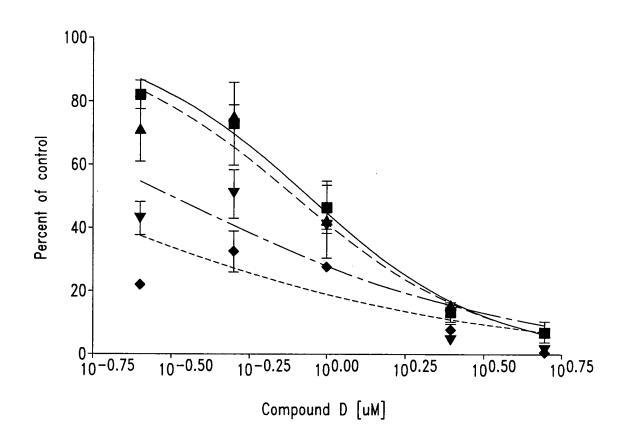


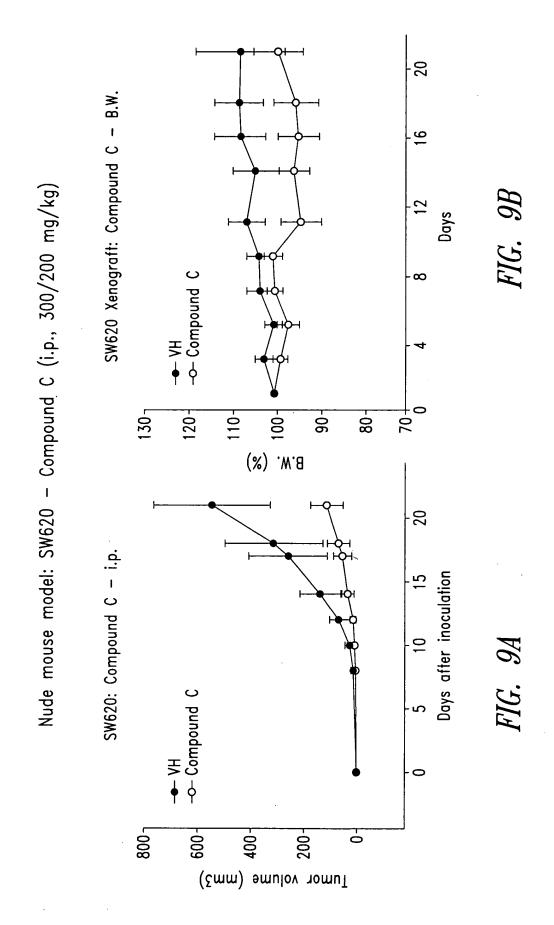
FIG. 7A





	■ Compound D+	▲Compound D+	▼Compound D+	◆Compound D+
	OµM 5-FU	0.5μM 5-FU	1µM 5−FU	2μM 5−FU
IC ₅₀	0.87+/-0.11	0.79+/-0.11	0.32+/-0.09	0.12+/-0.08

FIG. 8



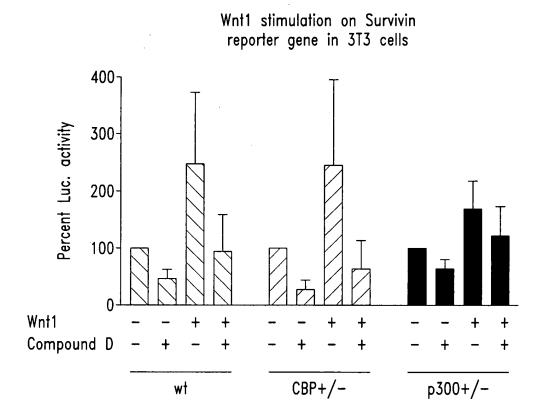


FIG. 10

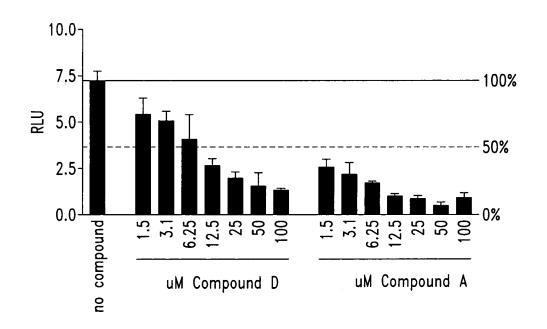


FIG. 11

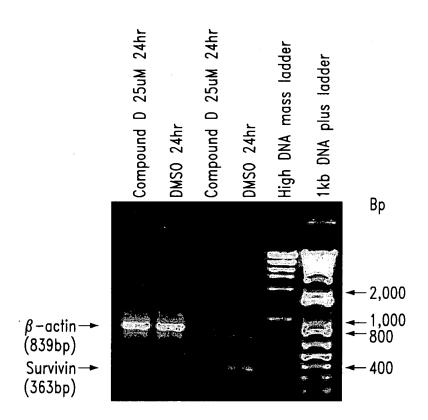
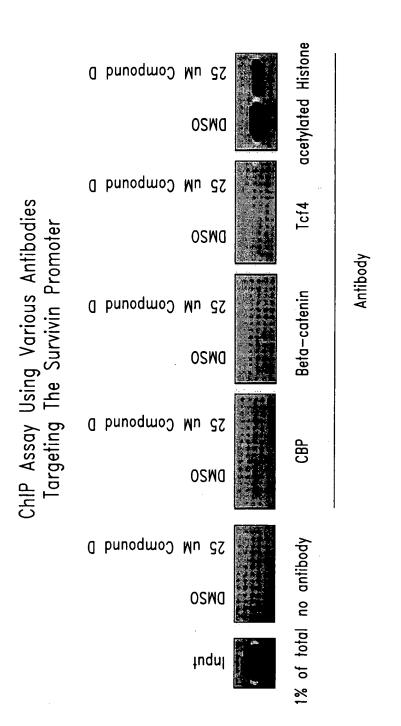


FIG. 12



18-hr Treatment with 25 uM Compound D

FIC 13

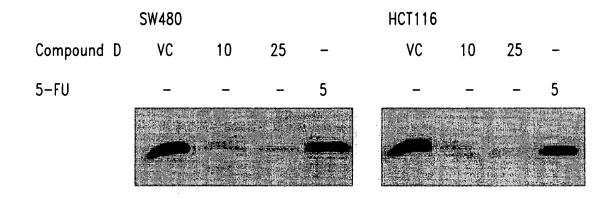


FIG. 14A

Survivin — Chromosomal Separation

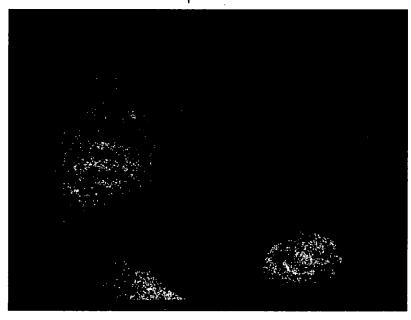


FIG. 14B

Survivin After Compound D Treatment

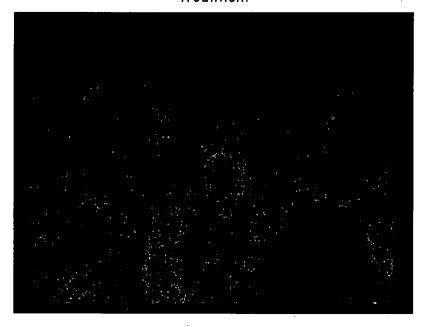
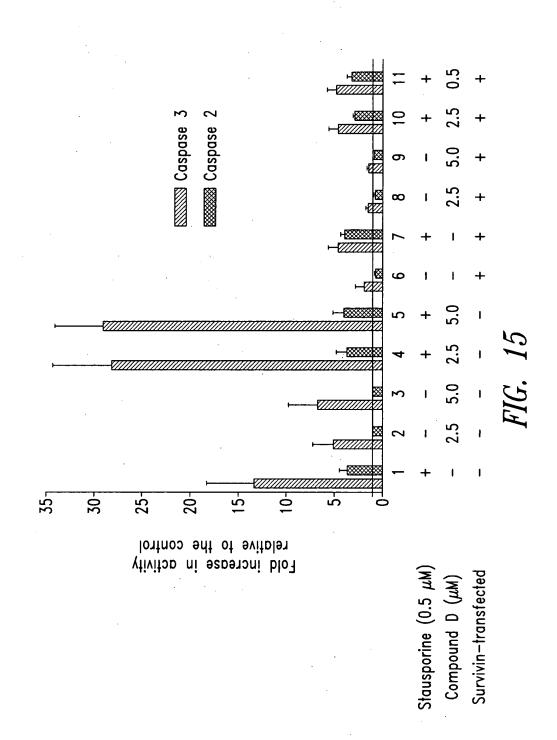


FIG. 14C



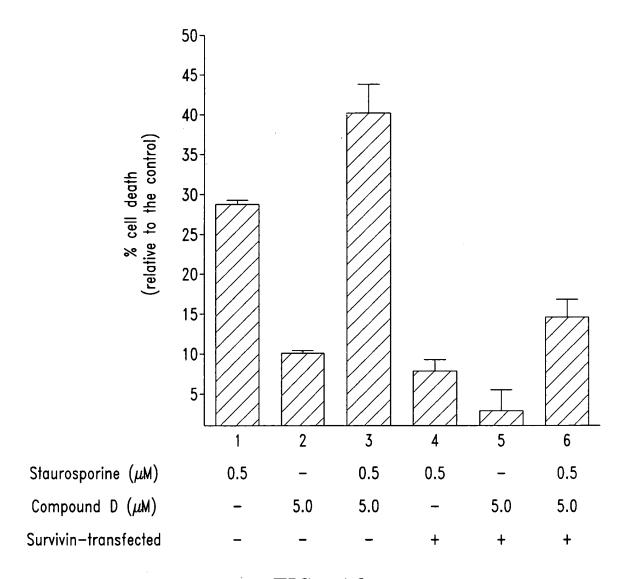


FIG. 16

Serial No. 10/803,179 Docket No. 200146.402C3
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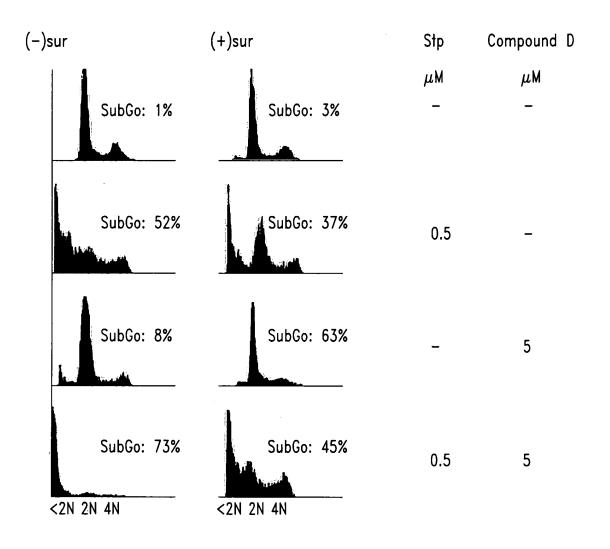


FIG. 17

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